



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

cartilage OR cartilaginous OR cartilaginous matrix

Search

[Advanced Scholar Search](#)

[Scholar Preferences](#)

[Scholar Help](#)

Scholar All articles - Recent articles Results 1 - 10 of about 28,100 for cartilage OR cartilaginous OR cartilaginous matrix degradation OR degeneration review. (0.37 seconds)

Did you mean: [cartilage OR cartilaginous OR cartilaginous matrix degradation OR degeneration review](#)

The role of cytokines in **cartilage matrix degeneration** in osteoarthritis.

SR Goldring, MB Goldring - Clin Orthop Relat Res, 2004 - ncbi.nlm.nih.gov

... of cytokines in **cartilage matrix degeneration** in osteoarthritis ... mediating the increased **matrix degradation** that characterizes the osteoarthritic **cartilage** lesion ...

[Cited by 96](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#)

[HTML] • [Aggrecanases and cartilage matrix degradation](#)

H Nagase, M Kashiwagi - ARTHRITIS RESEARCH AND THERAPY, 2003 - arthritis-research.com

... the secondary ossification centre in the **cartilaginous** epiphysis of ... radicals as effectors of **cartilage** destruction. ... Okada Y: Proteinase and **matrix degradation**. ...

[Cited by 92](#) - [Related articles](#) - [Cached](#) - [Web Search](#) - [BL Direct](#) - All 8 versions

... protects articular **cartilage** from interleukin 1-induced extracellular **matrix degradation**.

VM Baragi, RR Renkiewicz, H Jordan, J Bonadio, JW ... - Journal of Clinical Investigation, 1995 - pubmedcentral.nih.gov

... Osteoarthritis: a **review** of the cell biology involved and evidence ... and recombinant human interleukin-1 beta stimulate **cartilage matrix degradation** and inhibit ...

[Cited by 88](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - All 3 versions

... in the human knee: a dynamic process of **cartilage matrix degradation**, synthesis and reorganization.

AR Poole, G Rizkalla, M Ionescu, A Reiner, E ... - Agents Actions Suppl, 1993 - ncbi.nlm.nih.gov

... which involve a number of **matrix** molecules. ... and aggrecan content occur deeper in the **cartilage**. ... of collagen fibrils and increased **degradation** and synthesis of ...

[Cited by 46](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#)

[PDF] • [Articular cartilage and changes in arthritis: matrix degradation](#)

JS Mort, CJ Billington - Arthritis Res, 2001 - biomedcentral.com

Page 1. **Review** Articular **cartilage** and changes in arthritis **Matrix degradation**

John S Mort and Caron J Billington Joint Diseases ...

[Cited by 46](#) - [Related articles](#) - [View as HTML](#) - [Web Search](#) - All 9 versions

Factors related to **degradation** of articular cartilage in osteoarthritis: a **review**

S Tanaka, C Hamanishi, H Kikuchi, K Fukuda - Seminars in Arthritis and Rheumatism, 1998 - Elsevier

... that destabi- lize the normal coupling of **degradation** and synthe- sis of articular **cartilage** chondrocytes and extracellular **matrix** and subchondral ...

[Cited by 64](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - All 4 versions

Matrix metalloproteinase degradation of extracellular **matrix**: biological consequences

SD Shapiro - Current Opinion in Cell Biology, 1998 - Elsevier

... MMP-9 is required to initiate primary angiogenesis in the **cartilage** growth plate ...

Page 4. **Matrix metalloproteinase degradation** of extracellular ...

[Cited by 275](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 4 versions](#)

Enhanced cleavage of type II collagen by collagenases in osteoarthritic articular **cartilage**.

RC Billingham, L Dahlberg, M Ionescu, A Reiner, ... - Journal of Clinical Investigation, 1997 - pubmedcentral.nih.gov

... with interleukin 1 while the rate of intracellular **degradation** remains unchanged. ...

in normal fetal and adult osteoarthritic **cartilage** with monoclonal ... **Matrix Biol** ...

[Cited by 267](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 8 versions](#)

Application of chitosan-based polysaccharide biomaterials in **cartilage** tissue engineering: a **review**

JK Francis Suh, HWT Matthew - Biomaterials, 2000 - Elsevier

... result, there was evidence of **degeneration**, fissuring in ... molecules are also present

in **cartilage matrix** as the ... and proteoglycan release [61] and **degradation** [62 ...

[Cited by 345](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 4 versions](#)

... of interleukin-1 and tumor necrosis factor in **matrix degradation** of human osteoarthritic **cartilage**

M Kobayashi, GR Squires, A Mousa, M Tanzer, DJ ... - Arthritis Rheum, 2005 - doi.wiley.com

... that spares collagenase 1 (**matrix metalloproteinase** 1 ... and extends into the **cartilage**

with progressive **degeneration**. ... Cellular biology of **cartilage degradation**. ...

[Cited by 71](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

Key authors: [Z Werb](#) - [A Poole](#) - [A Grodzinsky](#) - [B Caterson](#) - [C Flannery](#)

Did you mean to search for: cartilage OR **cartilaginous** OR cartilaginous matrix degradation OR degeneration review

Google

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

cartilage OR cartilaginous matrix degradation OR degeneration review

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2008 Google